

# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 26]

नई दिल्ली, शनिवार, जून 28, 1969 (आषाढ़ 7, 1891)

No. 26]

NEW DELHI, SATURDAY, JUNE 28, 1969 (ASADHA 7, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 28th June, 1969

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

7th June 1969

- 121693. Lodzkie Zakłady Kserotechniczne "Prexer". Apparatus for charging and exposure of light-sensitive plates.
- 121694. A. H. Robins Company, Incorporated. 1-carbamoyl-3-aryloxypropylidines.
- 121695. Societa Farmaceutici Italia. Process for the preparation of an antibiotic complex.
- 121696. Council of Scientific and Industrial Research. A process for production of surface active agents of the type of amide of fatty acid monoglyceride sulfonate.
- 121697. Council of Scientific and Industrial Research. A process for production of surface active agents of the type of ester of fatty acid monoglyceride sulfonate.
- 121698. Universal Oil Products Company. Olefin separation process.
- 121699. Universal Oil Products Company. Separation process.
- 121700. E. R. Squibb & Sons, Inc. Synthesis of steroids.
- 121701. Farbenfabriken Bayer Aktiengesellschaft. Agricultural and horticultural fungicidal composition.

9th June 1969

- 121702. Kali Dass Mitra. Engine to work with perpetual force that grows from perpetual rotation of electrons around proton of atoms.

- 121703. M. Sabesan, M. Ramachandran, R. Sridharan, R. Sashidharan, (Mrs.) Lalitha Seetharaman, (Miss) Kalyani Janakiram and (Mrs.) Sarasa Sridharan. Improvements in or relating to wardrobes and the like.
- 121704. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of insulated electric cables.
- 121705. Farbenfabriken Bayer Aktiengesellschaft. Agricultural and horticultural fungicidal composition.
- 121706. Arbor Acres Farm, Inc. Animal vaccines and methods for using.
- 121707. A. Bahadur. A radio cum intercommunication device.
- 121708. American Cyanamid Company. Vinyl-substituted phthalans.
- 121709. Johnson & Johnson. Dental filling package.
- 121710. Johnson & Johnson. Dental filling material.
- 121711. Kyowa Hakko Kogyo Co., Ltd. An improvement in a process for purifying L-asparaginase.
- 121712. Continental Ore Corporation. Method and apparatus for direct reduction of metallic materials.
- 121713. Engelhard Minerals & Chemicals Corporation. Process.
- 121714. Shyam Sunder Ghose. Manufacture of zircon-refractory.
- 121715. Fibreglass Limited. Chemical process. (11th June 1968).
- 121716. Ciba Limited. New dioxazines and process for their manufacture.
- 121717. Ciba Limited. Pigment preparations and their use for the manufacture of dyed structures of regenerated cellulose.
- 121718. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of the pure isomers of naphthoylene-bis-benzimidazoles.

121719. National Distillers and Chemical Corporation. Copolymers of ethylene with cetyl vinyl ether or n-octadecyl vinyl ether.
121720. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of sulphur trioxide.
121721. Sandoz Ltd. Compounds of the heterocyclic series, their production and use.
121722. Fernseh GMBH. Arrangement for controlling the recording of signals on magnetic storage devices.
121723. Ciba Limited. Process for dyeing and printing hydrophobic fibrous material.
121724. Ciba Limited. Manufacture of new pyrimidine derivatives.
121725. Knapsack Aktiengesellschaft. Holder pin.
121726. N. V. Philips Gloeilampenfabrieken. Method of cutting a drawing in a layer of synthetic material.
121727. N. V. Philips Gloeilampenfabrieken. Halogen filament lamp for vehicle headlight.
- 10th June 1969
121728. B. C. Nanavati. Relating to an improvement in the manufacture of plastic footwear.
121729. E. Merck Aktiengesellschaft. Titanium dioxide coatings.
121730. Vereinigung Volkseigener Betriebe Baumwolle Wissenschaftlich-technisches Zentrum Baumwollspinnerei und Zwirnerci. A method of and apparatus for spinning, doubling and twisting staple fibres and/or silks in one operation. (23rd December 1968).
121731. P. P. Pan. Rocket taps.
121732. P. P. Pan. Joy Cylinder pump.
121733. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Novel halogenated steroids and process for the manufacture thereof.
121734. N. V. Organon. Novel phthalazine compounds, their preparation and therapeutical preparations thereof.
121735. Pirelli Società Per Azioni. Radial cord carcass tyre beads. (18th April 1969).
121736. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
121737. Dr. C. Otto & Comp. G.m.b.H. Coke oven doors.
121738. N. V. Philips Gloeilampenfabrieken. Circuit arrangement for producing a line-frequency sawtooth-current having a field-frequency-varying amplitude in a television display device.
- 11th June 1969
121739. A. Vaithianathan. Improvements in or relating to the propelling mechanism of bicycles, tricycles, cycle-rickshaws cycle delivery vans or like pedal propelled vehicles.
121740. A. Chachra. Power drive assembly for powering the common bicycle.
121741. The Mysore Electrical Industries Ltd., Electronic phase failure relay.
121742. Defibrator Aktiebolag. Sluice feeders for introducing finely divided material, preferably chips, into vessels under pressure.
121743. Defibrator Aktiebolag. Arrangement in grinding apparatus preferably destined for lignocellulose containing material.
121744. Alcan Research and Development Limited. Process for colouring anodised aluminium by electrolytic deposition.
121745. The Dunlop Company Limited. Improvements in and relating to vehicle suspension systems. (29th June 1968).
121746. Joseph Lucas (Industries) Limited. Control systems for battery powered electric vehicles. (17th June 1968).
121747. E. I. du Pont de Nemours and Company. Lubricant producing system.
121748. M. B. Khuranna. A control circuit adapted to provide power in the form of pulses to a load.
121749. Ciba Limited. New adducts, containing epoxide groups, from polyepoxide compounds and acid polyesters of aliphatic cycloaliphatic dicarboxylic acids, process for their manufacture and use.
121750. Blackstone & Company Limited. Apparatus for distributing material onto the ground. (12th June 1968).
121751. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Benzodiazepine derivatives.
121752. V. Demirok. Fuel additives.
121753. Ciba Limited. New amines and process for their manufacture.
121754. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Generation of alkylidene phosphoranes and production of olefinic compounds therefrom.
121755. Nikex Nehezipari Kulkereskedelmi Vallalat. A process and equipment for the purification of liquids by filtration.
- 12th June 1969
121756. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to the production of vinyl fluoride.
121757. S. V. Naik. Right-turn signalling indicator for scooters.
121758. N. K. Aggarwal. Improvement in or relating to smoking pipe.
121759. Sri R. Mahapatra. Paddy transplanting machine.
121760. Council of Scientific and Industrial Research. Improvements in or relating to the process for the synthesis of isoamyl ethyl silicates and cetyl ethyl silicates.
121761. Metallgesellschaft. A.G. Process of directly reducing iron oxide-containing materials in a rotary kiln.
121762. Sandoz Ltd. Improvements in or relating to organic compounds. (14th June 1968).
121763. Sandoz Ltd. Improvements in or relating to organic compounds. (14th June 1968).
121764. Sandoz Ltd. Improvements in or relating to organic compounds. (14th June 1968).
121765. Sandoz Ltd. Improvements in or relating to organic compounds. (14th June 1968).
121766. Sandoz Ltd. Improvements in or relating to organic compounds. (14th June 1968).
121767. Boehringer Mannheim BMBH. Nitrofurans Derivatives. (8th April 1969).
121768. Sandoz Ltd. Heribicidal composition and method of preparing the same. [Divisional date 12th December 1967].
121769. Sanam Engineers Private Limited. Improvements in or relating to alternating current motors.
121770. Sanam Engineers Private Limited. Improved stator for alternating current motors.
121771. Ferro Corporation. Method of pigment manufacture and the product thereof.
121772. Canadian Titanium Pigments Limited. Plasma arc heating apparatus. (2nd August 1968).
121773. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Improvements in or relating to blast furnace operation. (12th June 1968).
121774. J. Besacier. Improvements in or relating to method of manufacturing electric lamps, bases for carrying out said method and lamps thus obtained.
121775. Österreichische stickstoffwerke Aktiengesellschaft. Improvements in or relating to compositions for regulating the growth and metabolism of plants.
- 13th June 1969
121776. Council of Scientific and Industrial Research. An unevenness indicator for indicating pavement irregularities.

121777. Council of Scientific and Industrial Research. A marking or/and indicating device suitable for attachment to an unevenness measuring machine.
121778. The Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi (India). Chemical treatment of injector cones of steam locomotives for improvement in their service life.
121779. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi, India. X-band waveguide iso-bend.
121780. N. L. Bhide. An improved call-bell-cum-indicating equipment.
121781. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (14th June 1968).
121782. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (14th June 1968).
121783. Miles Laboratories, Inc. Test composition and device for detecting couplable compounds.
121784. Miles Laboratories, Inc. Stabilized test device and process for detecting couplable compounds.
121785. Istag A. G. Suhr/AG. Improvements in or relating to shutoff-valve.
121786. Pilkington Brothers Limited. Improvements in or relating to a process and apparatus for treating glass sheets. (14th June 1968).
121787. Societe Fives Lille-Cail. Continuous crystallizing apparatus for sugar-bearing liquor.
121788. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Urea derivativs, their manufacture and use as herbicides.
121789. National Distillers and Chemical Corporation. Process for the separation of organic compounds by extraction with 1, 3-dicyanobutane.
121790. Societe Fives Lille-Cail. Centrifugal separator.
121791. Societe Fives Lille-Cail. Centrifugal separator.
121792. N. V. Philips Gloeilampenfabrieken. Semiconductor device.
121793. P. N. Kurup. Kurups modulated tea.

#### Alteration of Date

120080. Ante-dated to 4th September 1967 under Section 5 of the Act.

#### Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such oppositions.

A limited number of printed copies of the applications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

112227. E. I. du Pont de Nemours and Company. New oxadiazolidine compounds and process for their preparation. Accepted on 4th June 1969.

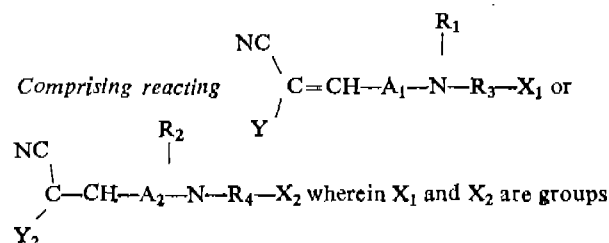
*Reacting an N-alkyl or aryl hydroxylamine with (i) an alkyl chloroformate or (ii) an alkyl or aryl isocyanate followed by the reaction with an alkyl chloroformate and base catalysed cyclization to the corresponding 1, 2, 4-oxadiazolidine-3, 5-dione the reaction of either (i) or (ii), where the alkyl or aryl isocyanate is replaced with an alkyl, or*

*aryl isothiocyanat to yield the corresponding 5-thio-1, 2, 4-oxadiazolidine-3-one.*

112231. Compagnie De Saint-Gobain. Improvements in internal combustion burners. Accepted on 4th June 1969.

*Having a first grid arranged at inlet or each of the inlets and second grid arranged within combustion chamber.*

112253. Ciba Limited. Water-insoluble styryl dyestuffs and processes for their manufacture. Accepted on 5th June 1969.



*containing at least one reactive hydrogen R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> represent alkyl or alkenyl group which may join to form a ring with A<sub>1</sub> and A<sub>2</sub> which are para phenylene groups Y<sub>1</sub> and Y<sub>2</sub> represent cyano, carbalkoxy or aryl sulphonyl group with a bifunctional compound free from So<sub>2</sub> group.*

112331. General Electric Company. Yttrium vanadate europium phosphor preparation by precipitation using ammonium carbonate. Accepted on 12th June 1969.

*Comprising (a) dissolving Y<sub>2</sub>O<sub>3</sub> and Eu<sub>2</sub>O<sub>3</sub> in HNO<sub>3</sub> and water and adding V<sub>2</sub>O<sub>5</sub> to the solution, (b) treating the reaction mixture with ammonium carbonate (c) separating the mixed precipitate and (d) heating the precipitate at 1000° to produce YVO<sub>4</sub> : Eu phosphor.*

112332. General Electric Company. Yttrium vanadate europium phosphor preparation by precipitation. Accepted on 12th June 1969.

*Comprises (a) producing a reaction mixture by dissolving in nitric acid and water of the phosphor including Y<sub>2</sub>O<sub>3</sub>, Eu<sub>2</sub>O<sub>3</sub>, (b) treating the reaction mixture with ammonium hydroxide, (c) separating the mixed precipitate of step (b) from the reaction mixture, (d) heating the mixed precipitate at temperature to produce YVO<sub>4</sub> : Eu phosphor.*

112394. American Cyanamid Company. An article of manufacture such as shaped article or fiber having effective fire retardant or self extinguishing properties. [Addition to No. 108190]. Accepted on 9th June 1969.

*Comprises blend of two acrylonitrile polymers, (i) 5—95% being polymer and fire retarding agent and (ii) 10—95% is only polymer.*

112428. The New Jersey Zinc Company. Improvement in a furnace and method for radiant heating of a corrosive fluid stream, in the chemical manufacture. Accepted on 9th June 1969.

*Comprises using two concentric fused quartz tubes within the furnace, the outer tube being radiation transparent and the inner tube being radiation translucent, the tubes being arranged so that the fluid stream to be heated flows freely through both the inner tube and the annulus between the inner and outer tubes in substantially equal streams.*

112546. United States Steel Corporation. Use of multiple bricks in basic refractory furnace structure. Accepted on 6th June 1969.

*Plurality of courses of chemically and direct bonded basic bricks, at least some courses of direct bonded brick abutting the courses of chemically bonded basic brick.*

112576. Council of Scientific and Industrial Research. An apparatus to heat-treat processed and sized fish and other protein-rich foods of similar species. Accepted on 4th June 1969.

*Comprising of a cooking chamber with steam as the heating medium constructed with a plurality of concentric pipes having provision for controlling the cooking time by varying the speed of the feed piston.*

112811. N. V. Philips Gloeilampenfabrieken. Method of manufacturing silicon carbide crystals. Accepted on 12th June 1969.

*Characterized in that during the first period of growth at a temperature between 2300°C to 2600°C a donor is supplied to the atmosphere, the temperature is decreased while aluminium is supplied as an acceptor.*

113167. Veb Ingenieurtechnisches Zentralburo Mineralole und Organische Grundstoffe. Process for the recovery of precipitants out of the combustion residues of a waste water sludge incineration. Accepted on 6th June 1969.

*Characterises in that the sludge ash is suspended in water and reacted with inorganic acid and insoluble mineral contents are separated by sedimentation and the salt solution or the crystallized salt is reintroduced as a precipitant into the biological purifying plant used in the treatment of waste water of sludge.*

113257. J. R. Geigy A. G. Dispenser with separate propellant for products in fluent phase. Accepted on 21st May 1969.

*Comprising central body, cover, gasket and high pressure obturator fitted in the body of mounting.*

113429. Ryazansky Filial Spetsialnogo Konstruktor'skogo Bjuro po Avtomatike V Neftepererabotke I Neftekhimii. Device for automatic control of crude petroleum desalting and dehydration processes in electric dehydrators. Accepted on 4th June 1969.

*Characterized in that a current transducer is provided in the circuit of lower electrode and connected via a continuous drive to a control valve incorporated in discharge line whereby a constant current value in the circuit of the lower electrode is maintained by discharge of water and sludge.*

113439. Union Carbide Corporation. Dehydrogenation of ethylbenzene to styrene. [Addition to No. 110232]. Accepted on 4th June 1969.

*Relating to dehydrogenation of alkylated aromatic hydrocarbons in the presence of steam in a single reaction zone at a temperature of 500°C to 700°C, wherein the reaction zone being constructed of high nickel containing stainless steel.*

113440. Ciba Limited. New monoazo dyestuffs and processes for their manufacture and use. Accepted on 4th June 1969.

*Comprises in coupling a diazo compound from an appropriate amine with a coupling component, or condensing a dyestuff with an acid chloride/anhydride or splitting off hydrogen halide from a dyestuff.*

113451. Nauchnorissledovatel'skaya laboratorija po ionizatsii i konditsioni-rovaniju vazdukh. Electric air cleaner. Accepted on 5th June 1969.

*Comprises a receiving electrode fashioned as a movable gauze capable of contacting a filtering material and moving together therewith while a corona discharge electrode is made as a immovable gauze.*

113476. E. Merck Aktiengesellschaft. Fungicidal compositions. Accepted on 6th June 1969.

*Comprises as an active component a mixture of N-trichloro-methyl thiotetrahydrophthalimide or N-(1, 1, 2, 2-tetrachloroethylthio)-tetrahydrophthalimide and 2, 6 dichloro-3, 5 dicyano-4-phenyl pyridine optionally substituted in the phenyl nucleus by a nitro group and a known carrier.*

113478. SKB Elektroizmeritelnykh Priborov. Constituent gas analysis data recorder. Accepted on 6th June 1969.

*Characterized in that the recorder of the potentiometer is made in the form of a printing carriage on whose digital drum the number of indexed dots equals that of constituents in the carriage, provision being made for an electromagnetic drive which is electrically coupled to the potentiometer and operated at extremity deflections of the carriage by a distance that corresponds to the peak value of the constituents being analysed in order to bring the digital drum in contact with strip chart.*

113497. Mitsubishi Denki Kabushiki Kaisha. System for controlling DC power. Accepted on 7th June 1969.

*Comprising at least two chopper means connected in common to a source of direct current and one reactor means serially connected to each of said chopper means.*

113498. Mitsubishi Denki Kabushiki Kaisha. System for controlling DC Power. Accepted on 7th June 1969.

*Comprising a plurality of switching means energized by a common source of direct current one reactor winding section serially connected to each of said plurality of switching means, a load or loads through which the sum of currents from said reactor winding sections flows or flow.*

113500. Mavor & Coulson Limited. A tunnelling machine. (24th December 1966). Accepted on 7th June 1969.

*Comprising a tubular shield, a tunnel cutting fixed secured within the shield and having a rotary cutting head projecting out of the shield at one end, the boom being universally pivotable, means for driving the cutting head, drive means for pivotal movement of the boom and control means for the drive means.*

113513. Societe Belge De L'Azote Et Des Produits Chimiques Du Marly, S. A., and Societe Carbochimique. Detergent compositions. Accepted on 9th June 1969.

*Comprises in combination 35 to 75% by weight of a wetting agent, combined with a substantially water-insoluble plasticizing component within the range of about 10% to 50% by weight of the wetting agent component.*

113528. National Steel Corporation. Anode structure for continuous strip electroplating. Accepted on 11th June 1969.

*Comprising a plurality of anode bar support members transverse to the strip and providing an inclined plane of support for a plurality of anode bars.*

113536. Lipha, Lyonnaise Industrielle Pharmaceutique. New derivatives of 4-hydroxy coumarine and process for the preparation thereof. Accepted on 11th June 1969.

*Reducing, a compound obtained by condensation of 4-hydroxy coumarine with an  $\alpha$ -ethylenic ketone, by known methods.*

113560. N. V. Philips' Gloeilampenfabrieken. Improvements in insulated gate field effect transistors. (13th December 1966). Accepted on 12th June 1969.

*The region of the substrate situated between the source and drain regions and immediately adjacent the plane surface has a non uniform lateral concentration.*

113566. Imperial Chemical Industries Limited. The production of polyamides of diaminodiphenyl sulphones, the polymer thus obtained and moulded articles films and fibres derived therefrom. Accepted on 5th June 1969.

*A process for the production of polyamides comprises treating one or more diamines or amide forming derivatives in an organic solvent with equimolecular proportions of one or more diacid halides of dicarboxylic acids.*

113613. Spectrum Diamonds (Proprietary) Limited. Improvements relating to faceting gem stones. (20th December 1966). Accepted on 10th June 1969.

*Comprises forming a plurality of facets by polishing on a polishing surface and terminating the polishing of each facet when the ring contacts the polishing surface.*

113626. The Kokusaku Pulp Industry Co., Ltd. Process for removing calcium from the desiccated alkaline pulping waste liquor. Accepted on 7th June 1969.

*By adding carbon dioxide to form insoluble calcium carbonate.*

113655. Nippon Petrochemicals Company, Limited. Process for producing high molecular weight homopolymers or copolymers of iso-olefin. Accepted on 7th June 1969.

*Polymerising iso-olefin or copolymering iso-olefin with at least one diolefin in the presence of a catalyst composition comprising boron trifluoride and a compound of a metal of the groups II—VII of the periodic table.*

113850. Hercules Incorporated. Colloidally dispersible polypropylene and process of preparing the same. Accepted on 13th June 1969.

*Comprises homopolymer or copolymer of propylene with upto 25% of a second  $\alpha$ -olefin having 2—20 carbon atoms.*

114310. Argus Chemical Corporation. Method of lessening early discoloration of polyvinyl chloride resins when heated, and compositions thereof. Accepted on 13th June 1969.

*Comprising (a) at least one organotin mercapto acid ester and (b) a mercapto compound, the mercapto compound being in an amount of from 0.1% to 15% by weight of the organotin mercapto acid ester.*

115007. Pirelli Societa Per Azioni. Device for reducing localized overheating in oil-filled power cables. Accepted on 6th June 1969.

*Comprising means positioned within the cooling fluid duct of the conductor to increase the speed of flow of the fluid.*

115053. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New monoazo dye-stuffs insoluble in water and process for their preparation. Accepted on 9th June 1969.

*Coupling diazonium compounds of 2-amino-diphenylethen 5 carboxylic acid amides with 5—(2', 3'—hydroxynaphthylamino) benzimidazolones.*

115166. Stamicarbon N. V. Screening device. Accepted on 11th June 1969.

*Comprises an inclined screening deck formed of horizontally inclined bars whose lower ends are free, arranged to receive the material to the screened at the top side and provided with a partition wall for receiving material which discharges through the deck.*

115217. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (8th April 1967). Accepted on 6th June 1969.

*Comprising a tread portion and two shoulder portions, wherein in the shoulder portions faces being disposed so that they will be engaged by water standing upon a surface over which the tyre is to run to tend to inflate maintain, or increase the rate of rotation of the tyre during slipping of the tyre upon said wet surface.*

115218. N. V. Philips Gloeilampenfabrieken. Rotor lamp-holder for tubular lamps. Accepted on 7th June 1969.

*Characterised in that each contact spring engaging the rotor has a backwardly bent portion which together with an adjacent portion thereof form a plug contact.*

115225. Norton Company. Resin Impregnated abrasive products and manufacture thereof. Accepted on 9th June 1969.

*In which at least 95% of the pore volume is filled with a thermoset copolymer of a liquid linear epoxy prepolymer having at least three cross-linking sites which are either hydroxyl or epoxy, cross-linked with an organic polyamine or organic anhydride hardener.*

115650. M. R. Tembe. Manufacture of abrasion and wear resisting steel. Accepted on 11th June 1969.

*Steel alloy containing—Carbon—1 to 3.0%*

*Manganese—10.0 to 18.0%*

*Chromium —12.0 to 30.0%*

*Silicon —1.5 maximum*

*Phosphorus—.10% "*

*Sulphur 0.04% "*

115653. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Catalysts and process for the manufacture of linear polyesters. Accepted on 11th June 1969.

*Catalyzing both the ester interchange and the polycondensation between dicarboxylic acid esters of low molecular weight aliphatic alcohols and diols and subsequent polycondensation of the bis-diol esters in the presence of germanium compounds.*

115755. The Dunlop Company Limited. A method of producing reinforced rubber articles and rubber articles so produced. (11th May 1967). Accepted on 5th June 1969.

*Which comprises exposing a polyester reinforcing textile to a plasma, incorporating the resulting textile in a vulcanisable natural or synthetic rubber composition containing aromatic polyhydroxy compound and formaldehyde generator.*

116181. Standard Telephones and Cables Limited. A method of sealing a circumferentially extending gap in an outer thermoplastic covering of an article. (2nd June 1967). Accepted on 9th June 1969.

*Comprises the steps of placing a mould around the article so that at least one channel is defined, forcing a gas through the or each said channel than infecting a change of molten thermoplastic material, and removing the mould after the charge has solidified.*

116259. Imperial Chemical Industries Limited. New reactive dyestuffs of the benzene-azo-pyrazolone series. (9th June 1967). Accepted on 11th June 1969.

*Comprises coupling the diazonium salt of an amine with a pyrazolone coupling component.*

116758. Bird & Co., (Private) Limited. Improvements in the sulphonation of vinyl co-polymers to obtain strongly acid cation exchange resins. Accepted on 9th June 1969.

*Method of sulphonating vinyl co-polymers to obtain strongly acid cation exchange resins which consists of the drying of copolymer at 105°—110°C and after cooling the copolymer is stirred with swelling agent until swelling is complete, that swollen copolymer is mixed with a sulphonating agent and heated between 60°C and 85°C in case of oleum and between 80°C and 115°C in case of sulphuric acid, then the filtered resin is washed with sulphuric acid solutions of diminishing strength and ultimately water to make it free from acid.*

117029. The Goodyear Tire & Rubber Company. Improvements in preparation of macrocyclic compounds and alicyclic ketones. Accepted on 9th June 1969.

*By converting unsaturated organic compounds by catalytic treatment to compounds possessing large alicyclic rings having at least one carbon to carbon double bond.*

117560. Girling Limited. Improvements in or relating to railway vehicle brakes. (18th September 1967). Accepted on 6th June 1969.

*A railway disc brake actuating mechanism for urging a pair of brakes shoes into frictional engagement with a disc.*

119391. Scovill Manufacturing Company. Tire valve. Accepted on 9th June 1969.

*Core body having an annular, upwardly facing should be therein, the lower end being tapered on its outside, a one-piece valve pin disposed in said core body, a lower end portion terminating downwardly in a tapered tip, a spring surrounding said pin within said core body and a removable valve washer, including an annulus of resilient material.*

119452. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for isolating acetylene and carbon dioxide from cracked gases. Accepted on 7th June 1969.

*Isolating carbon dioxide and acetylene from a cracked gas by multistage washings using acetone and dimethyl formamide as solvents.*

119466. Svenska Aktiebolaget Bromsregulator. Railway vehicle brake rigging. Accepted on 9th June 1969.

*Lever being pivotally connected to a bracket fastened to a housing.*

120080 E. I. Du Pont D Nemours & Company. Herbicidal compositions. [Divisional date 4th September 1967]. Accepted on 4th June 1969.

*Comprising as active ingredient a, 2, 4-substituted oxadiazolidine—3, 5—dione and a known carrier.*

#### Opposition Proceedings

The opposition entered by Nichibo Kabushiki Kaisha to the grant of a patent on application No. 96251, made by Kurashiki Rayon Company Limited as notified in Part III, Section 2 of the Gazette of India, dated the 17th December 1966, has been partly allowed and a patent will be sealed on the application subject to amendment of the specification.

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

88297. 88311. 88346. 88434. 88449. 88520. 88696. 88798.  
88861. 89280. 89300. 89482. 89524. 89579. 89596. 89667.  
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#### Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

85657—Sri Ramkrishna Kondiba Javalkar.

100801—Dina Nath Sud.

106978—Sri Ramchandra Sakham Tamahankar.

#### Renewal Fees Paid

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### Cessation of Patents

101169, 110631.

### Restoration Proceedings

An order has been made on the 3rd June 1969, restoring the patent No. 92449 dated as of the 25th February 1964, granted to German Rubio and S-antiago Rubio for "knock-down structure and component frame therefor".

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 9. No. 135633, Sovrin Knit Works, Fateh Garh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", April 17, 1969.

Class 10. Nos. 135410 to 135419, Bharat Swiss Footwear Company Private Limited, an Indian Company incorporated under the Companies Act (I of 1956), 41 New Marine Lines, Bombay, State of Maharashtra, India, "Footwear", March 10, 1969.

Class 10. Nos. 135478 to 135487, Bharat Swiss Footwear Company Private Limited, an Indian Company incorporated under the Companies Act (I of 1956), 41 New Marine Lines, Bombay, State of Maharashtra, India, "Footwear", March 15, 1969.

Class 13. Nos. 135296 to 135300, Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", February 14, 1969.

Class 13. Nos. 135729 and 135730, The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16 Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", May 6, 1969.

Class 13. Nos. 135786 to 135793, Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", May 12, 1969.

Class 13. Nos. 135810 to 135813 and 135815 to 135817, Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", May 12, 1969.

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Singh, K.—121580.  
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Societe De Conditionnement En Aluminium Seal Gp.—121171.  
Societe Des Forges Et Ateliers Du Creusot—121240.  
Societe Fives Lille-Cail—121400.  
Southwire Co.—121421.  
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Srinivasan, R.—121523.  
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Starit Engineering Co. Pvt. Ltd.—121181.  
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Takeda Chemical Industries, Ltd.—121281.  
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Vispar Enterprises—121526.		S. VEDARAMAN, Controller-General of Patents, Designs and Trade Marks.
Vsesojuzny nauchno-issledovatel'sky institut gldrotekhniki imeni B.E. Vedeneva—121566.		